

IN THE CLAIMS:

Claims 1-11 (canceled).

Claim 12 (currently amended): Biodegradable, plastic viscous antitumor composition with prolonged release of an antitumor agent for administration into tissues, comprising: at least one antitumor agent being distributed in a carrier, the carrier being plastic viscous and consisting of biodegradable oligoester, having the numeric mean relative molecular mass Mn from 650 to 7,500, the mass mean relative molecular mass Mw from 800 to 10,000 and the glass transition temperature Tg from -35 to 45 °C, and which is prepared by polycondensation reaction of polyhydric alcohol containing at least 3 hydroxy groups with at least one aliphatic α-hydroxy acid in the molar ratio of polyhydric alcohol to aliphatic α-hydroxy acid being from 0.5:99.5 to 12:88, wherein the essential molecule of biodegradable oligoester is a polyhydric alcohol, to the hydroxy groups of which chains created from several molecules of at least one aliphatic α-hydroxy acid are bound by ester bonds, and being in the form of homogenous one-phase solution, micellar colloid system, one-phase or two-phase gel, suspension, paste or emulsion.

Claim 13 (previously presented): The composition according to Claim 12, further comprising at least one liquid biocompatible plasticizer, wherein the weight ratio of at least one biocompatible plasticizer to biodegradable oligoester is from 1:20 to 9:10.

Claim 14 (previously presented): The composition according to Claim 13, wherein the liquid biocompatible plasticizer is soluble in the carrier and imperfectly soluble or

insoluble in water.

Claim 15 (previously presented): The composition according to Claim 12, further comprising at least one agent influencing the kinetics of the release of the antitumor agent.

Claim 16 (previously presented): The composition according to Claim 12, further comprising at least one stabilizer of the antitumor agent or carrier.

Claim 17 (previously presented): The preparation of the antitumor composition according to Claim 12, wherein an antitumor agent, a carrier, and optionally a liquid biocompatible plasticizer, an agent influencing the kinetics of the release of the antitumor agent, a stabilizer of the antitumor agent or a stabilizer of the carrier are heated to the temperature of 35 to 75° C and mixed.